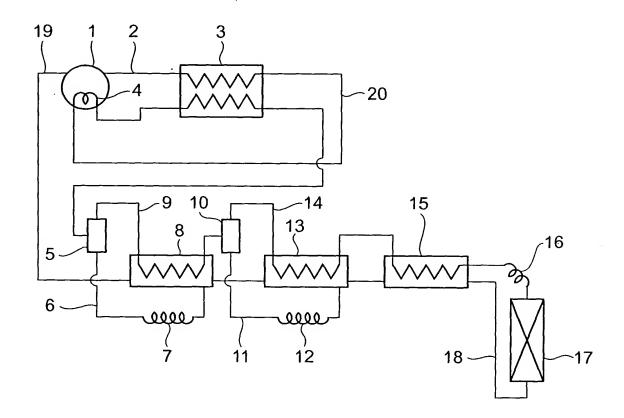
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FIG. 1



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FIG. 2

	EXAMINED SPECIFICATION
REFRIGERANTS	R245fa: 37.4 wt%
	R125: 21.6 wt%
	R508A: 19.8 wt%
	R14: 21.2 wt%
	n-PENTANE: 5.8 wt%
2. PRESSURE PD	1,638 kPa
19. PRESSURE PS	200 kPa
1. COMP. UNDER CASE	67.9°C
2. PRESSURE DISCHARGE PIPE	86.3°C
19. SUCTION PIPE	14.3°C
8. INTERMEDIATE HX1	-5.7℃
13. INTERMEDIATE HX2	-34.4°C
15. INTERMEDIATE HX3	-55.2℃
17. INLET OF EVAPORATOR	-97.0℃
18. OUTLET OF EVAPORATOR	-88.4℃
AIR IN THE MIDDLE OF REFRIGERATOR	-91.5℃

NOTES:

THE NUMBERS ARE THE SAME AS THOSE ALLOCATED TO THE CONSTITUENTS SHOWN IN FIG. 1.

THE "INLET OF EVAPORATOR" REFERS TO NOT EXACTLY THE INLET OF THE EVAPORATOR 17 BUT A PORTION IMMEDIATELY AFTER THE CAPILLARY 16. THE NUMBER FOR "AIR IN THE MIDDLE OF REFRIGERATOR" IS OMITTED SINCE IT IS NOT SPECIFIED IN FIG. 1.

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FIG. 3

REFRIGERANT COMPOSITION	AMOUNT USED
R245fa (CF ₃ CH ₂ CHF ₂)	17.4 to 50 wt%
R125 (CHF ₂ CF ₃)	12 to 25 wt%
R508A (R23/R116:39/61)	13.2 to 36.4 wt%
R14 (CF ₄)	13.2 to 36.4 wt%
n-PENTANE	0.1 to 12 wt%
II-FENTANE	